

# Yonas Tesera

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Bahir Dar, Ethiopia

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## SOFTWARE DEVELOPER

Motivated and results-oriented Software Developer eager to contribute to impactful projects in a dynamic environment. Skilled in building scalable web applications, data analysis, and problem-solving, with a proven ability to deliver efficient solutions and collaborate effectively within cross-functional teams.

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## KEY COMPETENCIES

Front-End Developer	Database Management	Cloud Deployment
Back-End Developer	Version Control	Data Structures & Algorithms
API-Development	Performance Optimization	System Architecture

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## PROFESSIONAL EXPERIENCE

**Askuala Link** **Dec 2024- Present**

**Back-End Developer**

- I worked on backend development, focusing on automating and optimizing various school management processes—from system design to full implementation. I developed a robust backend system that handles tasks such as roster generation, performance analytics, reporting, and communication. My responsibilities included designing scalable database architectures, implementing complex business logic, and integrating external services like SMS gateways for real-time communication. I also collaborated closely with front-end developers to ensure seamless API integration, and maintained high code quality through thorough testing, documentation, and version control. My work played a key role in streamlining academic operations and enhancing the overall efficiency of the system.

**Walmart USA Advanced Software Engineering Virtual Experience Program on Forage**

January 2025

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

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## EDUCATION & CERTIFICATIONS

**Bachelor of Science**

**Jan 2023- Present**

Majors: Computer Science  
Bahir Dar University

**Software Development**

Developer certification, representing 4 months of coursework at Power Learn Project. [VERIFY](#)

**Fundamentals of Programming**

representing approximately 2 months of coursework at Udacity.com. [VERIFY](#)

## TECHNICAL SKILLS

**Programming Languages**

JavaScript, Python, C++, Java, Dart and PHP

**Web Development**

HTML, CSS, Jquery, Bootstrap, ReactJs, Tailwind CSS, NodeJs, ExpressJs and flutter

**Database**

MySQL, MongoDB, Sequelize and [PostgreSQL](#)

**Version Control**

Git

**Deployment and Hosting**

Vercel, Netlify, Heroku, Firebase and AWS